Vincenzo Giovanni Comito

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EDUCATION

POLYTECHNIC OF TURIN

M.Eng. in Mechatronic Engineering
110/110
2015 - 2018 | Turin, Italy
Master Thesis @ Objective Software
A ROS-based Platform for Autonomous Vehicle: Foundations and Perception - S. Barrera, V. Comito

POLYTECHNIC OF TURIN

B.Eng. in Computer Engineering
110/110
2012 - 2015 | Turin, Italy

LINKS

Blog: clynamen.github.io
Github: **github.com/clynamen**
LinkedIn: **in/vincenzocomito**

SKILLS

- Camera and Lidar based Computer Vision (C++, Python)
- Data Science and Machine Learning frameworks (Python)
- ROS (Robot Operating System)
- Server-side development on PaaS.
- Embedded software, Real Time (C++)
- Docker, CI, TDD
- Long time Linux user.

PROGRAMMING

Knowledge of:
C, C++, Modern C++ (C++17), Rust, C#, Java, Python, Javascript

Familiarity with:
Haskell, Julia

Libraries and frameworks:
Unity, GStreamer, Pandas, OpenCV, PCL

MOOC

Machine Learning	Standford University
Statistical Learning	Standford University
Cryptography I	Standford University
Computer Graphics	UC San Diego

LANGUAGES

Italian (Mother tongue)
English (Cambridge FCE)
German (Goethe-Zertifikat A2)

ABOUT ME

Software Engineer with more than 5 years of experience mainly in the robotics and autonomous driving fields, with expertise in machine learning and computer vision. As a consultant, I have also worked on projects involving real-time embedded systems, server-side applications for intelligent transport systems, both as a developer or team lead.

I love programming, especially when it involves math, geometry, and statistics. As a fast learner, I seek a position where I can develop new skills, apply problem-solving experience, become a better engineer and team member.

EXPERIENCE

LUXOFT | Software Engineer

October 2016 - Ongoing | Turin, Italy

Luxoft is a SWE consulting company, leader in the Automotive field. Enjoying the flexibility demand of the job, I worked both as low and high level SW Engineer in many projects.

- Automated data validation of vehicle sensors (AWS)
- Infrastructure-based automated driving (ROS, Computer Vision)
- Teleoperated driving hardware and software integration
- Embedded development on body domain unit (C++, Autosar)
- Computer Vision tools and systems

KIWI B2B | Junior Server Developer

October 2013 - October 2014 | Turin, Italy

Kiwi was a company that provided a location-based social network addressed to both the general public and companies.

- Implemented new API endpoints (C#, Java)
- Libraries used: Objectify, Hibernate, Memcached, Guava, Guice, Entity Framework

ACTIVITIES

TEAM DIANA

November 2012 - October 2016 | Turin, Italy

Team D.I.A.N.A. is a student team at Polytechnic of Turin focused on space rovers. I worked on SLAM algorithms and control software of an engineering model of a lunar rover. I had the chance to lead the team for two years, along with fantastic, relentless students. The team uses ROS, C++ and python extensively, interfacing with motors, stereo and depth cameras. More details about the project can be found at http://www.teamdiana.it/

INTERESTS

I am mainly interested in machine learning and computer vision. In my free time I also like to read about computer security, game development and work with functional programming languages.